

FIG. 1A

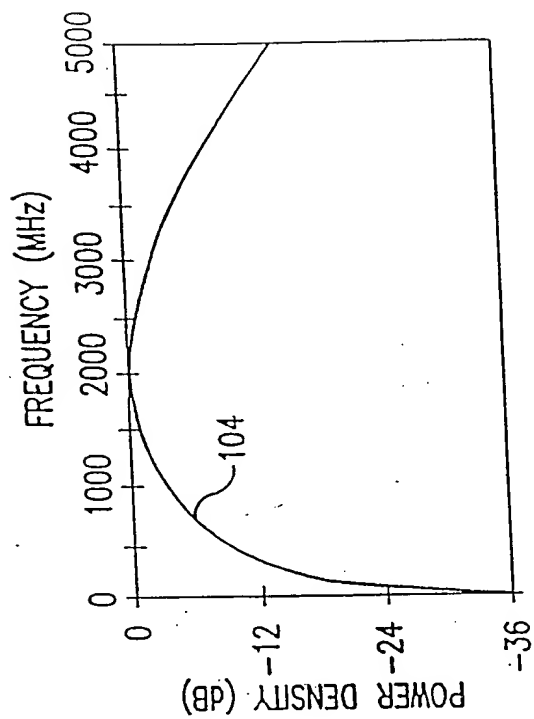


FIG. 1B

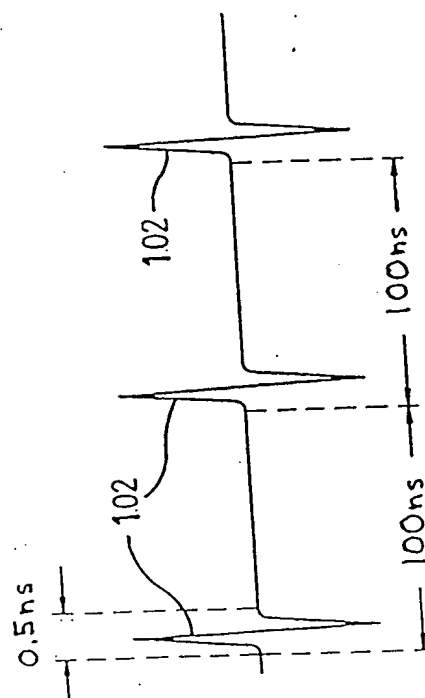


FIG.2A

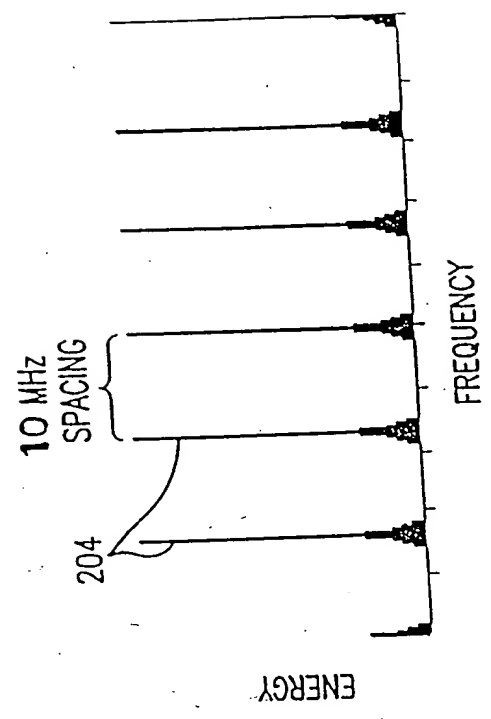


FIG.2B

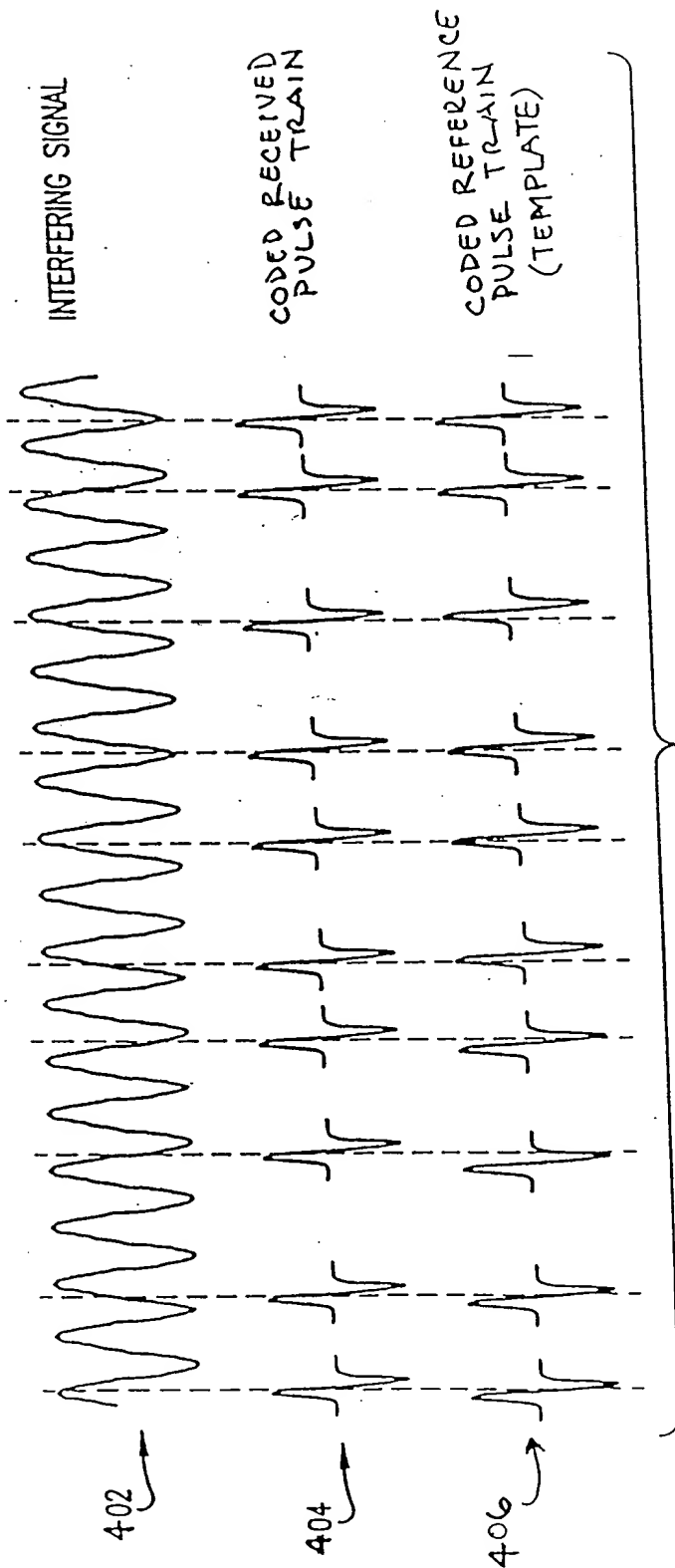


FIG. 4

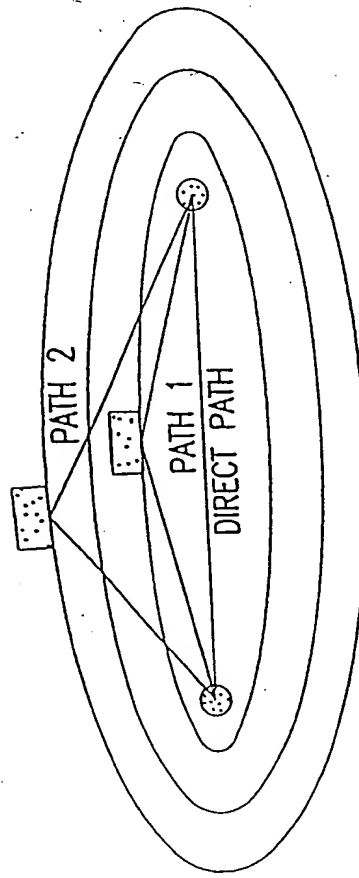


FIG.5A

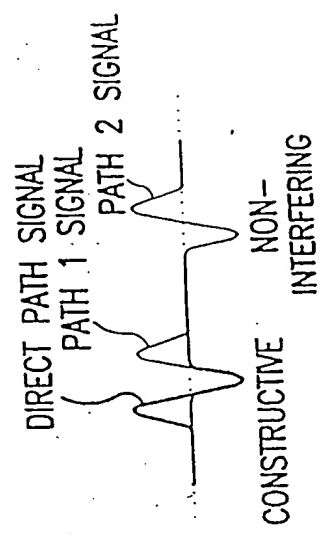


FIG.5B

FIG. 7

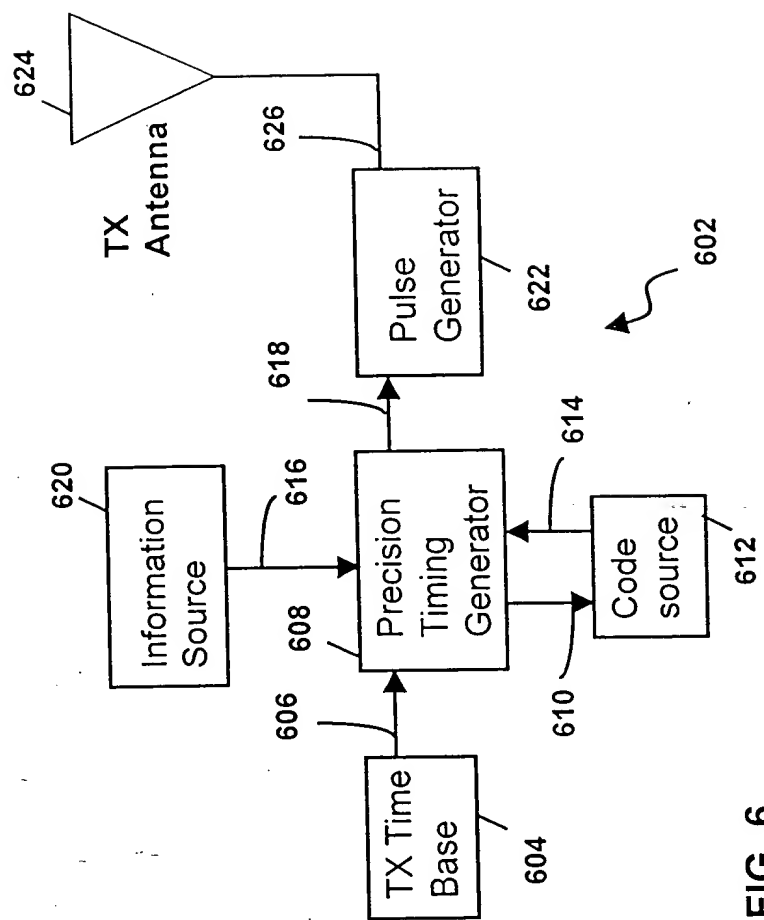
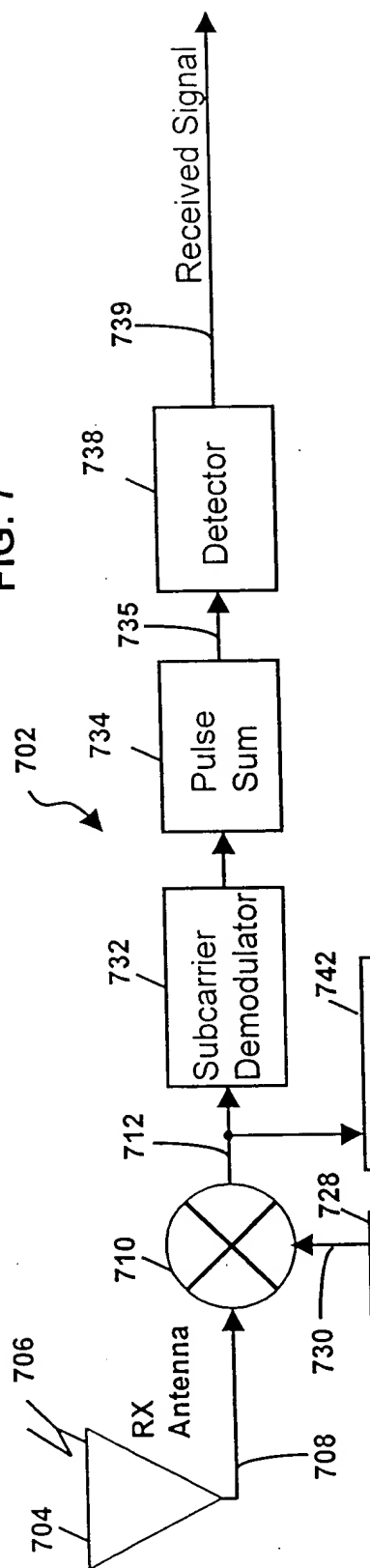
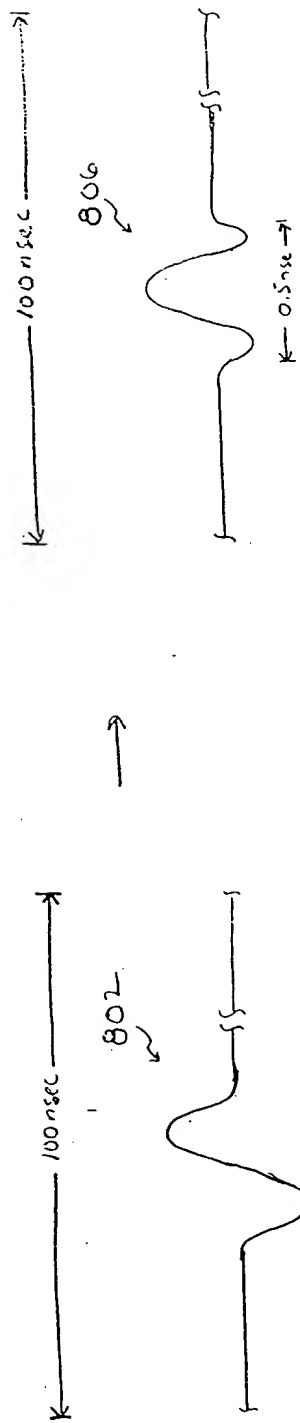
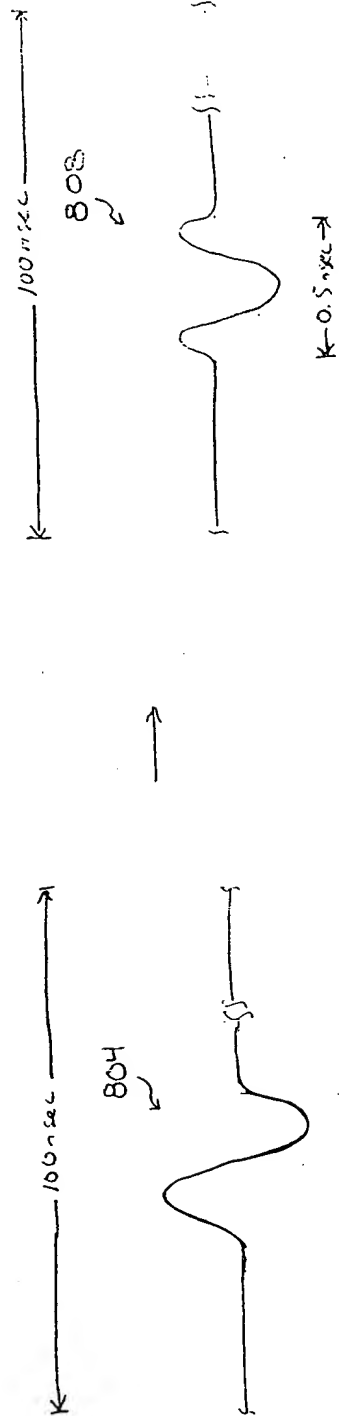


FIG. 6



0.5 nsec

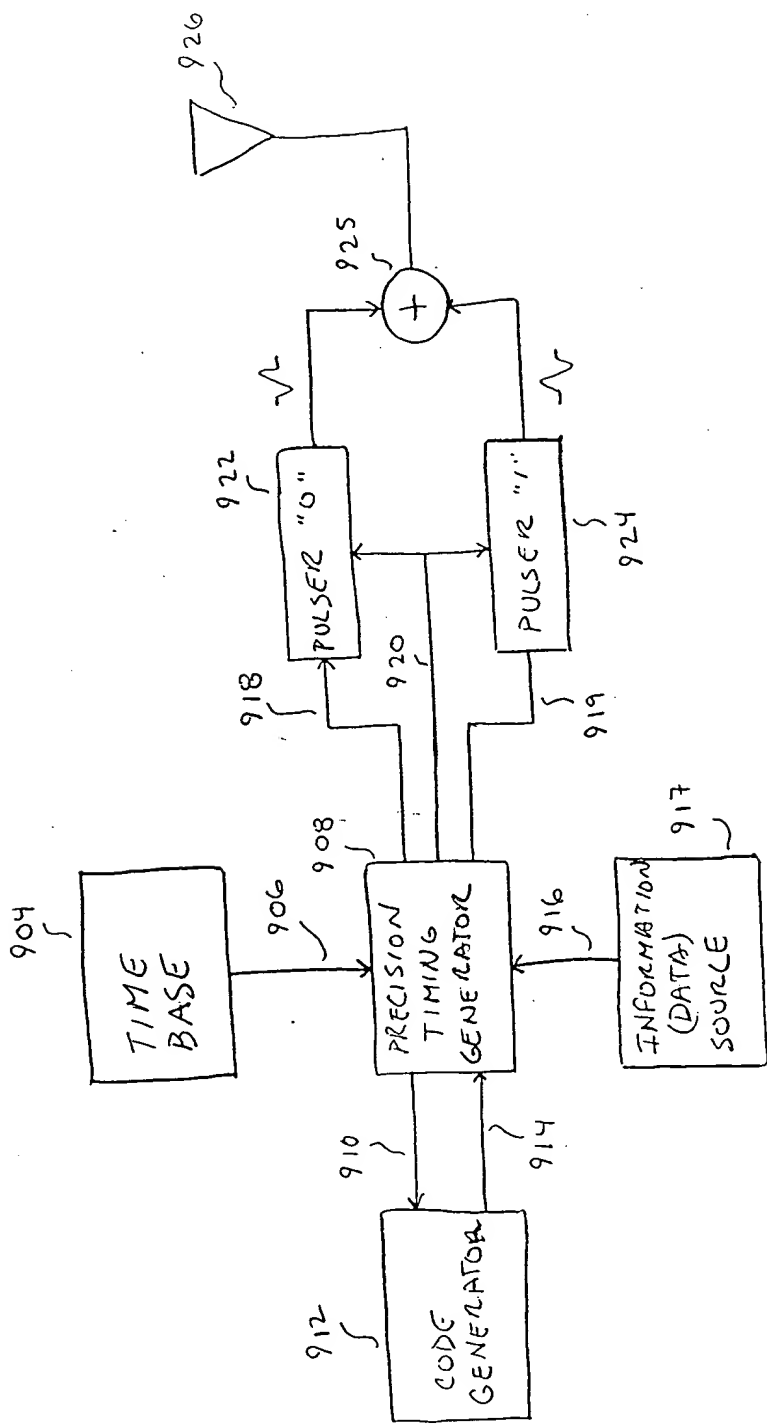
TRANSMITTED SIGNALS



0.5 nsec

RECEIVED SIGNALS

FIG. 8



TRANSMITTER 902

FIG. 9

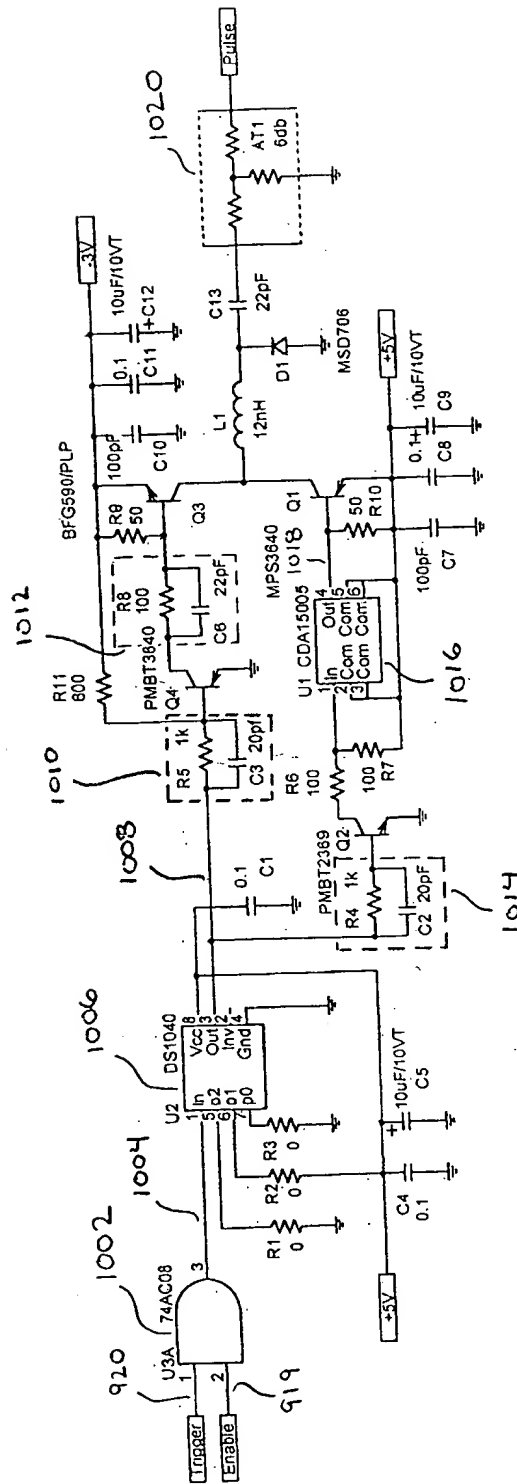


FIG. 10A

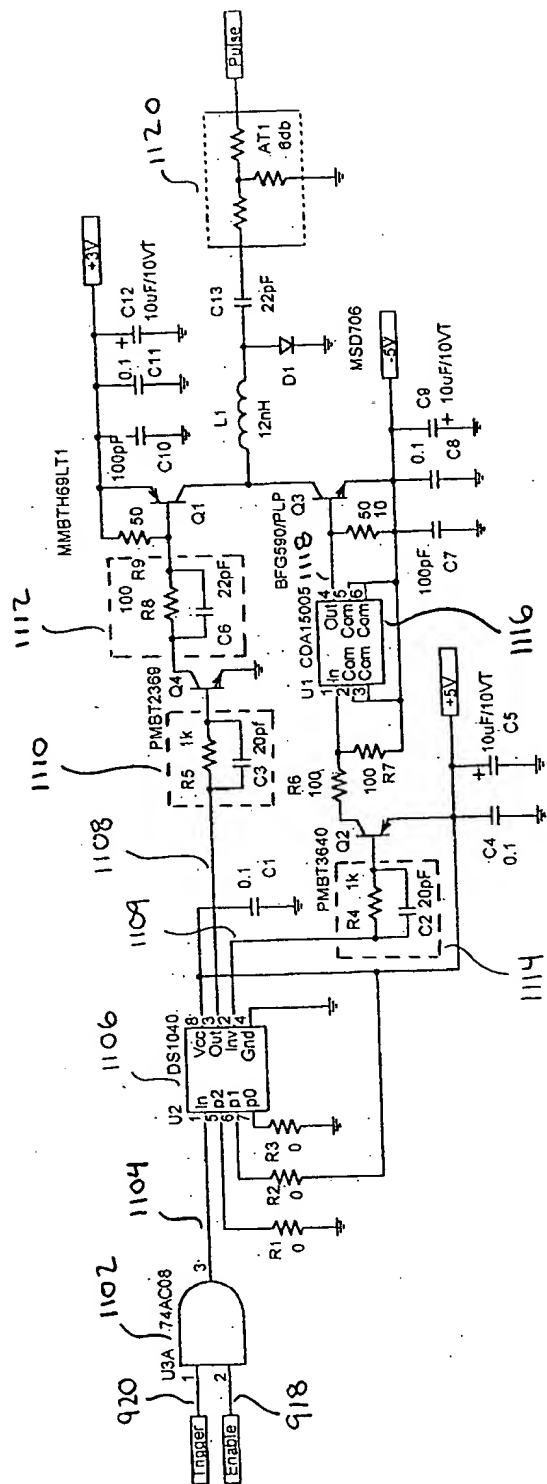


FIG. 11A

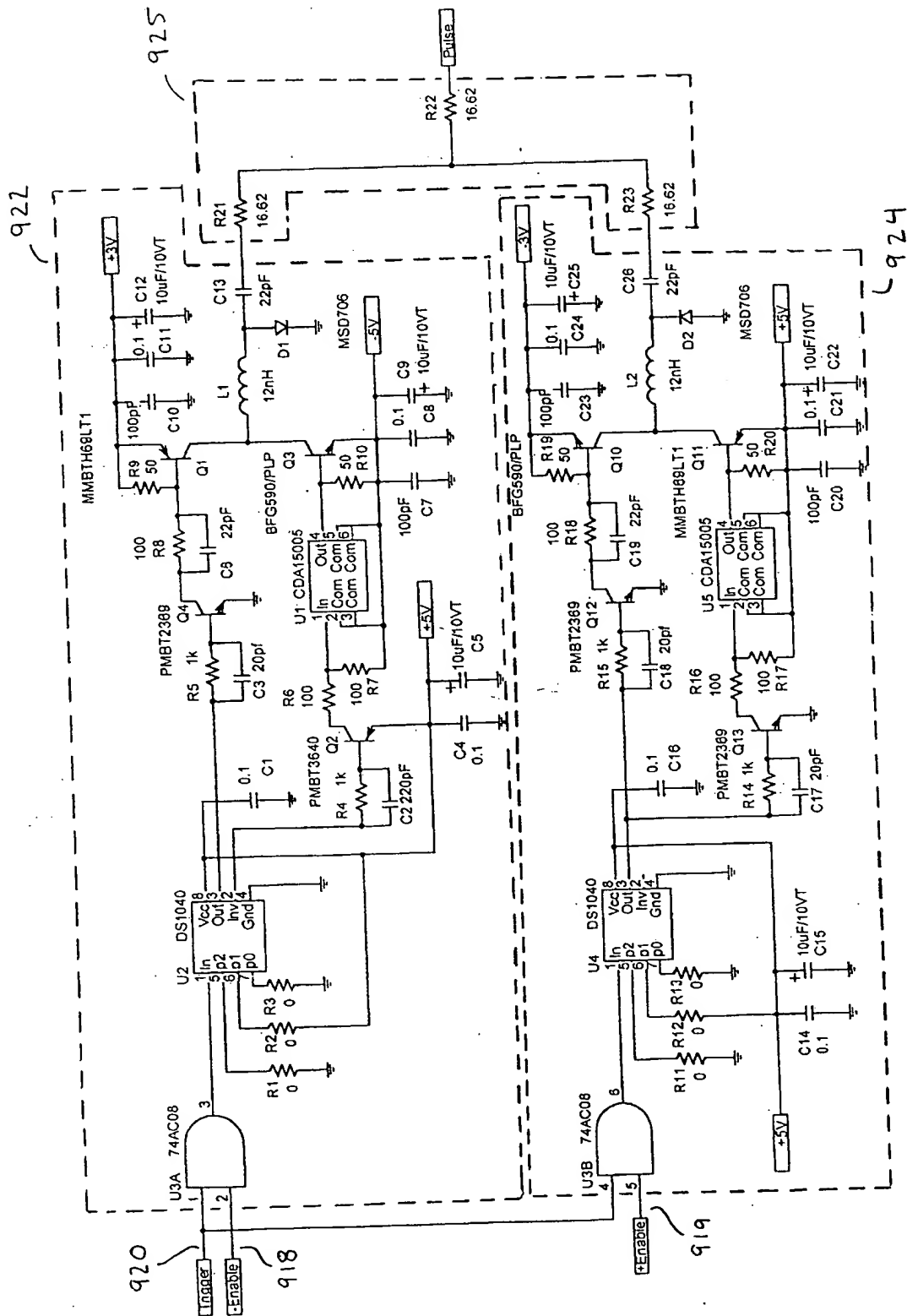


FIG. 12

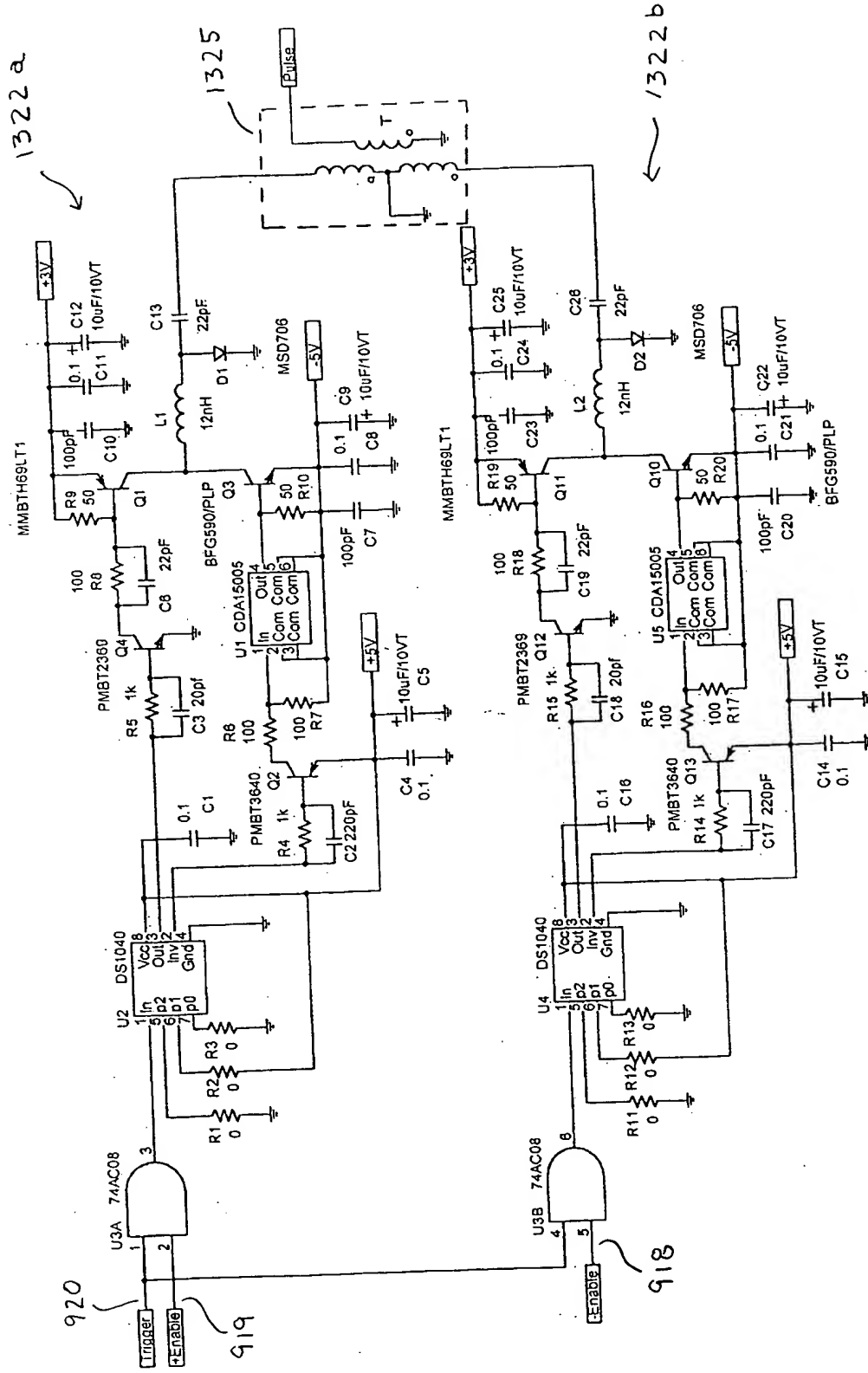
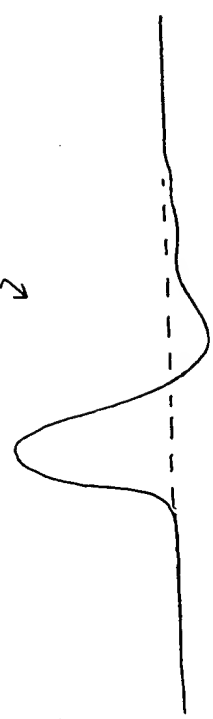


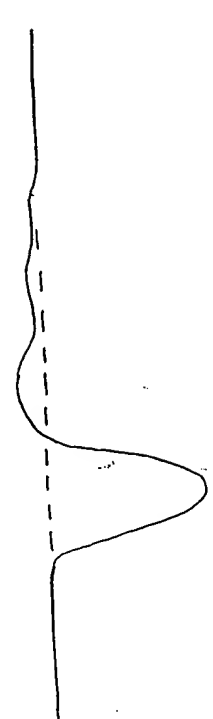
FIG. 13

FIG. 14

1404
↘



1402
↘



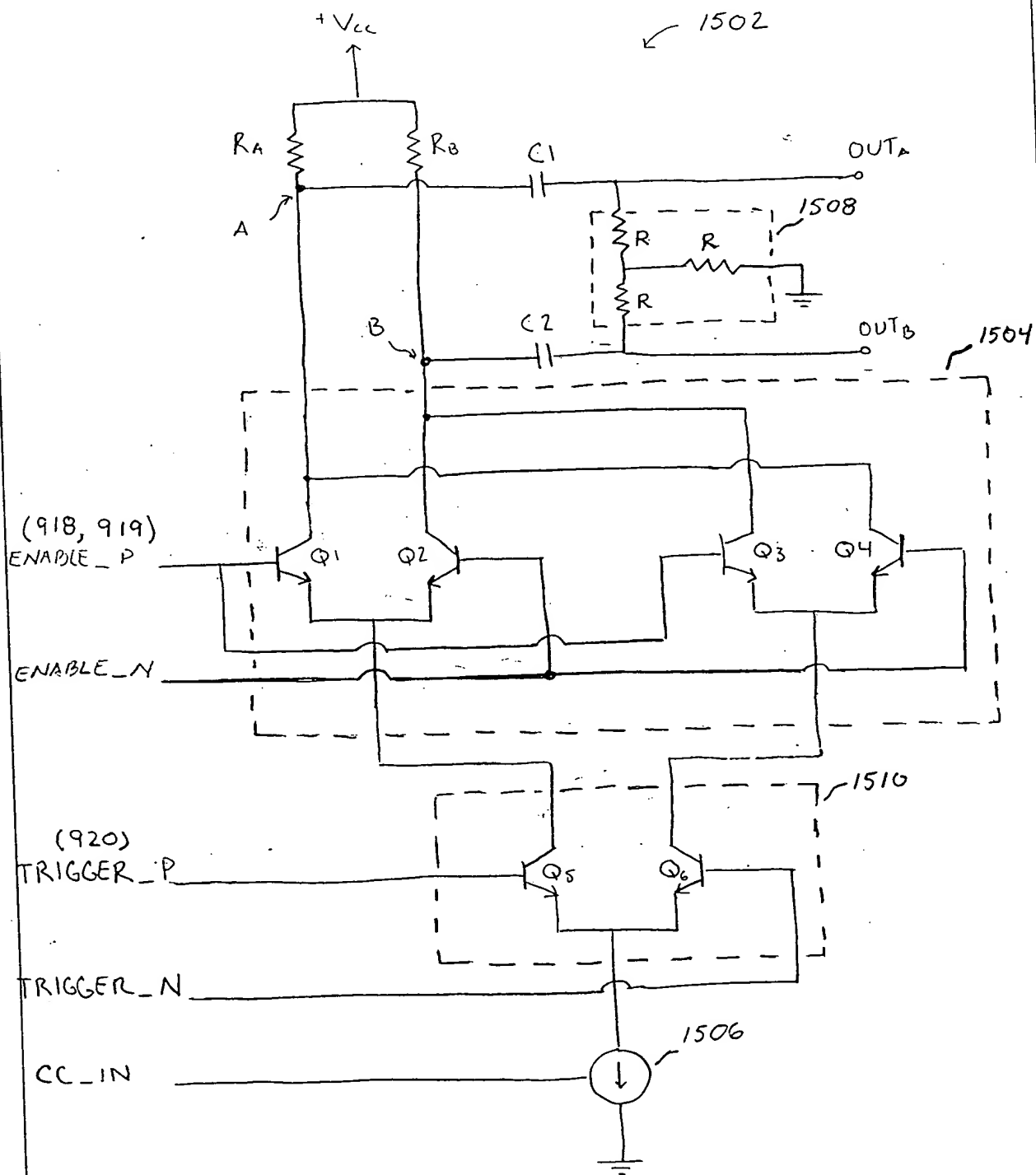


FIG 15

NOT TO BE REPRODUCED WITHOUT PERMISSION
OF THE U.S. GOVERNMENT

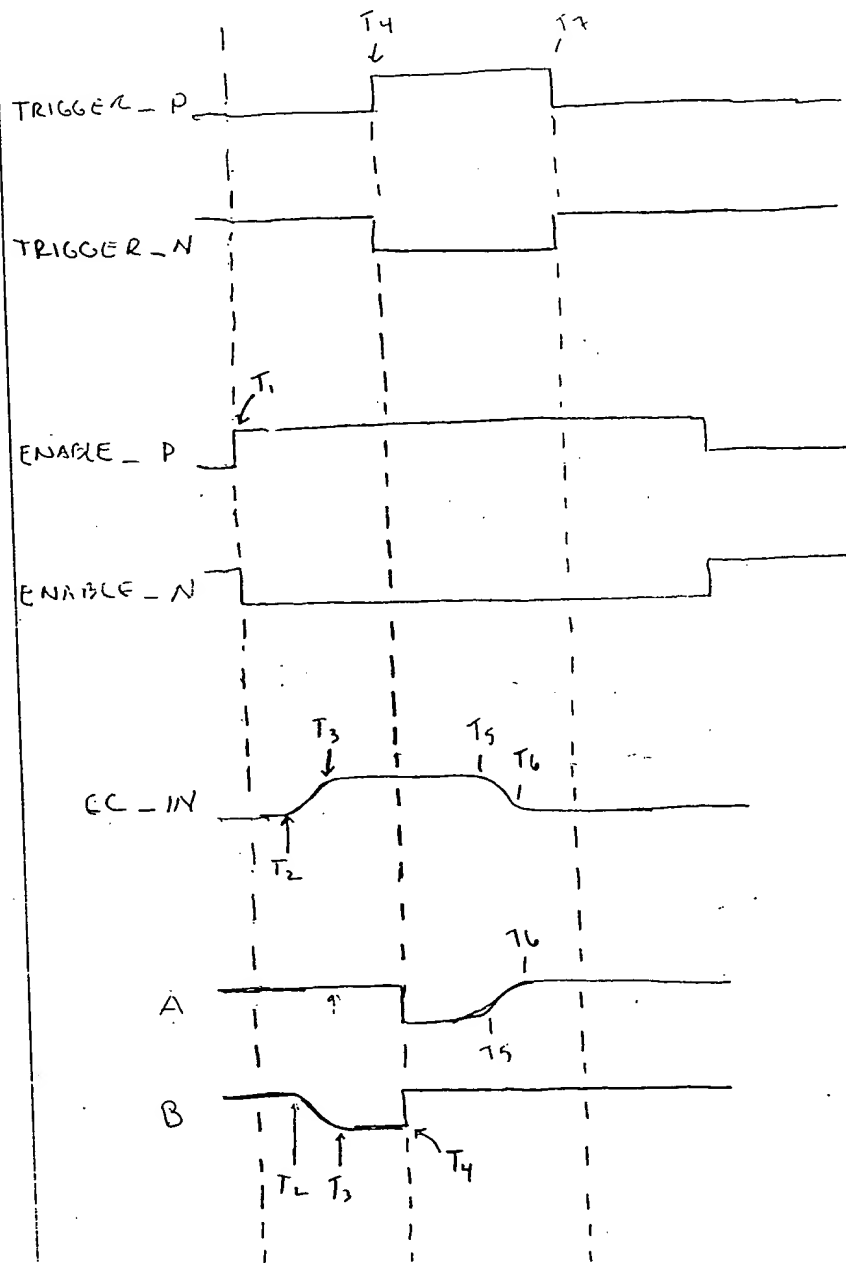


FIG 16A

10/10/11 11:11 AM

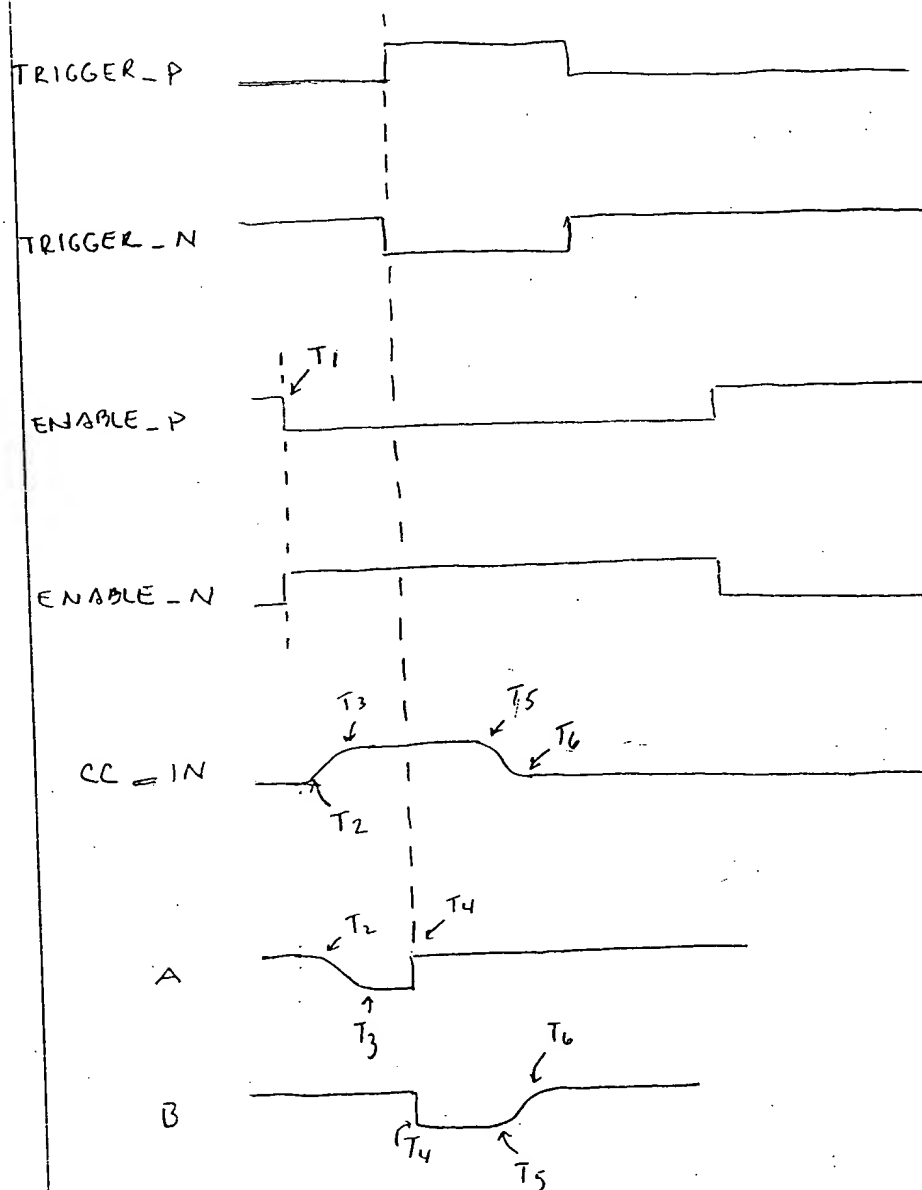
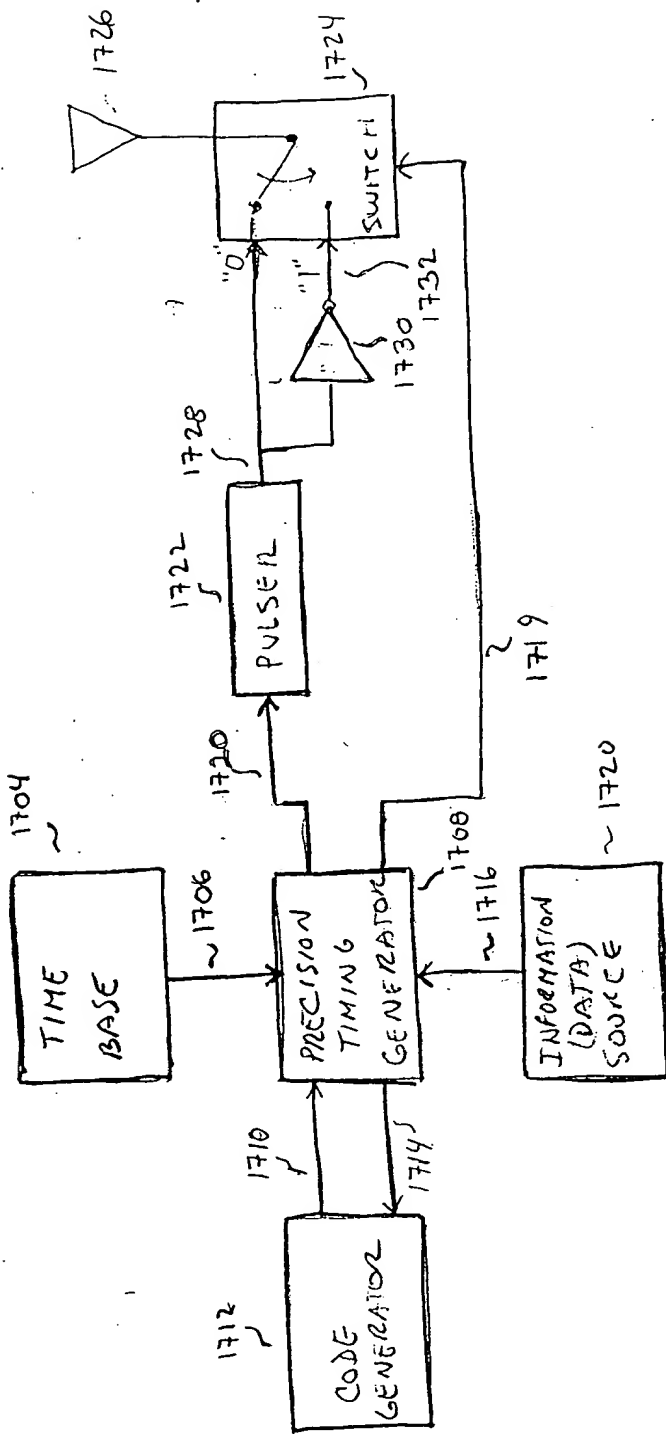
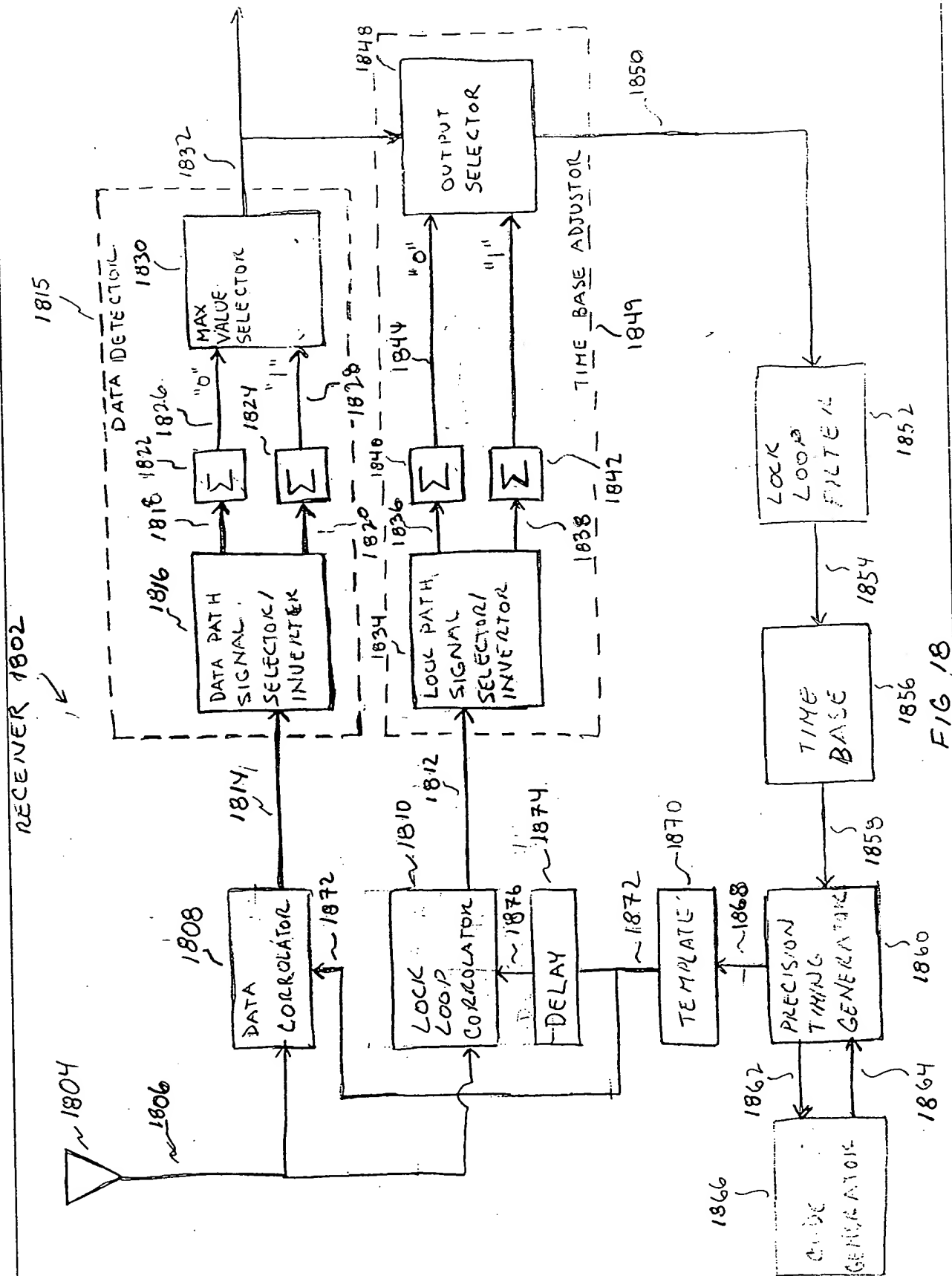


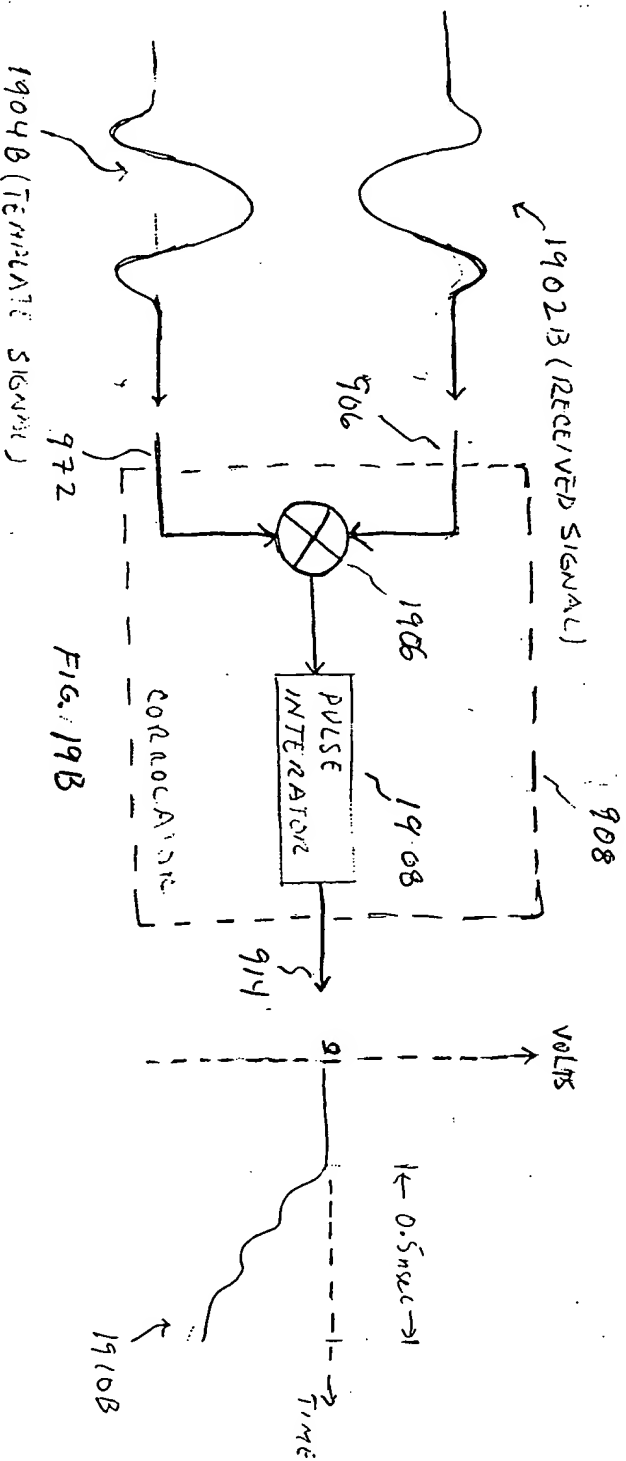
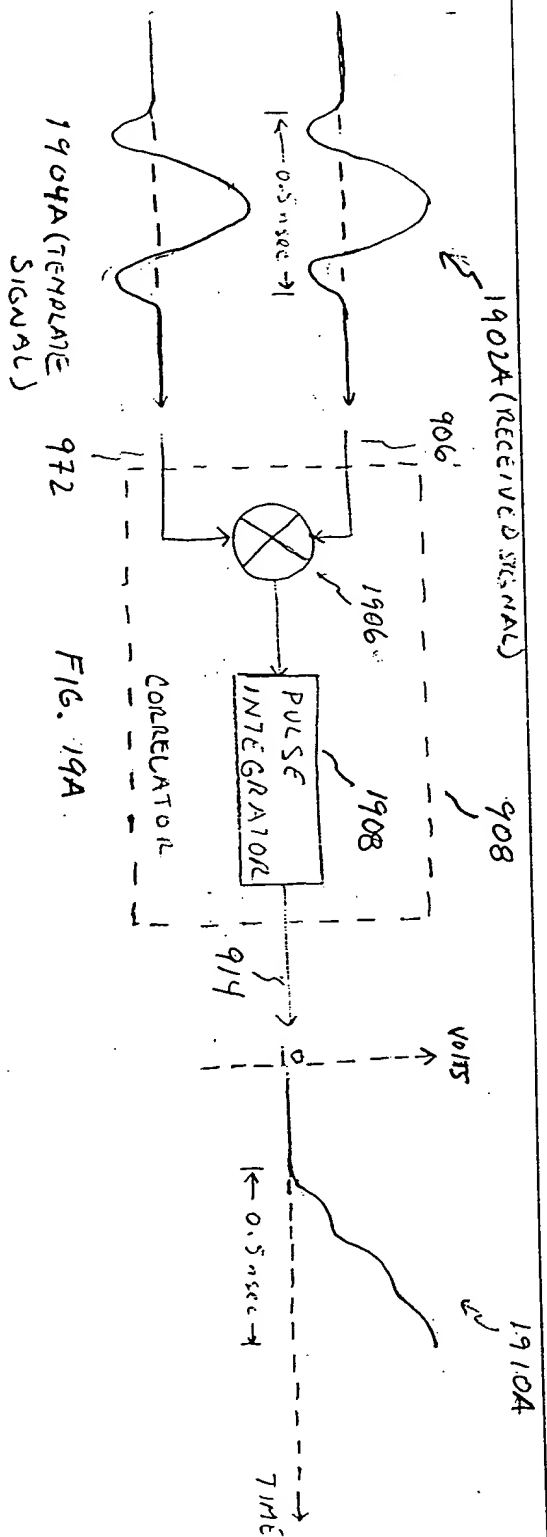
FIG 16B

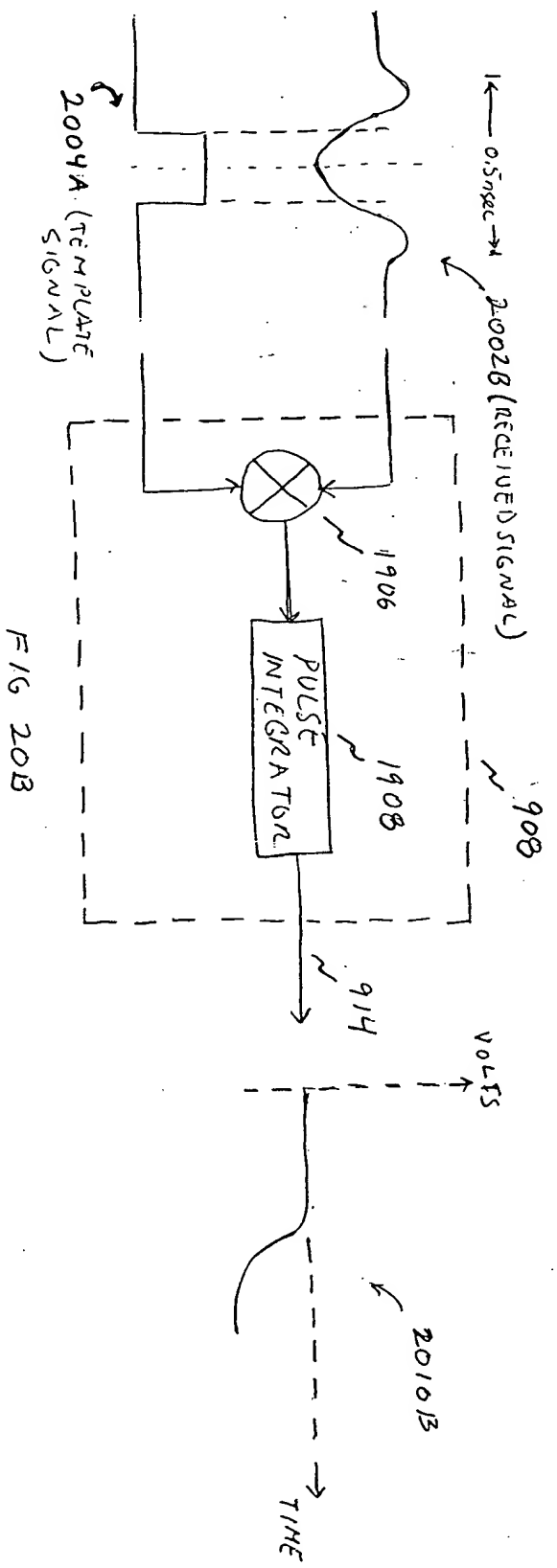
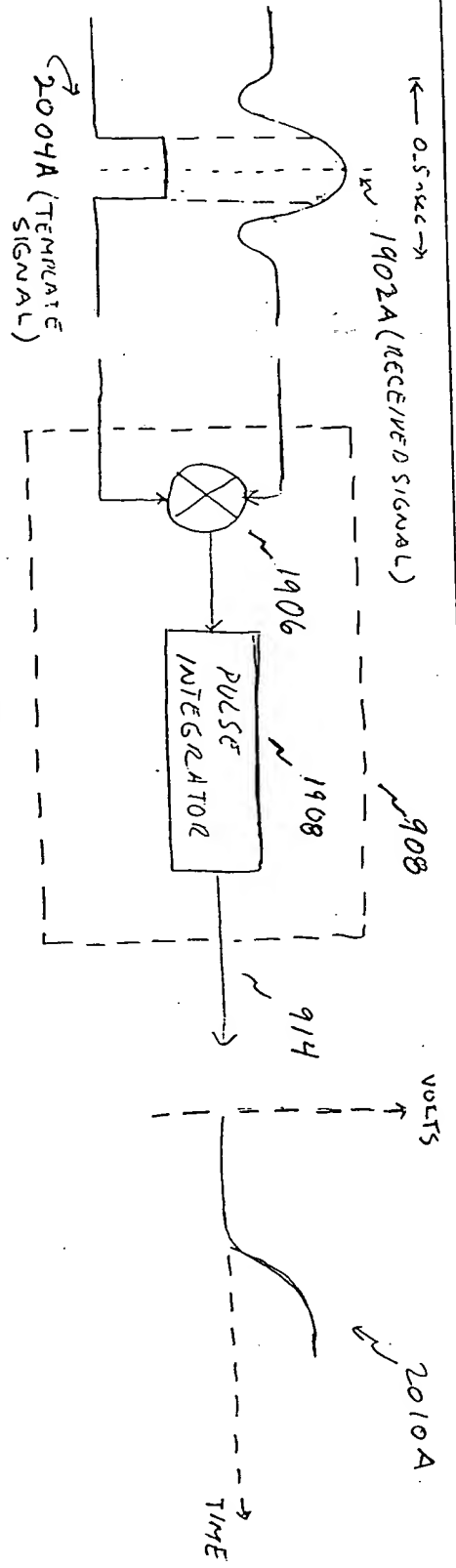


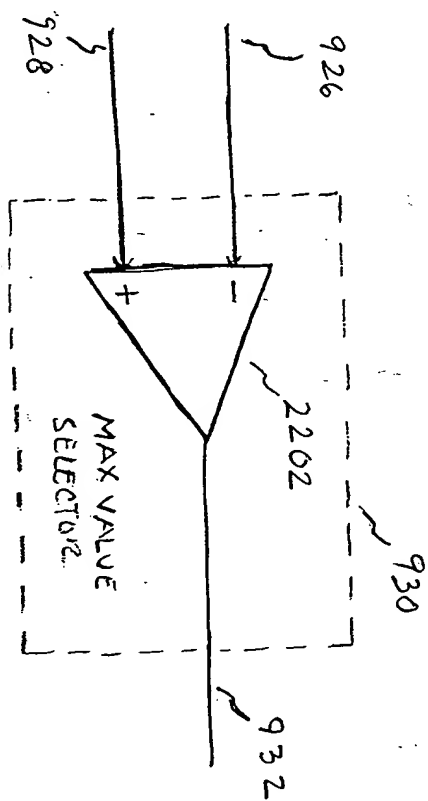
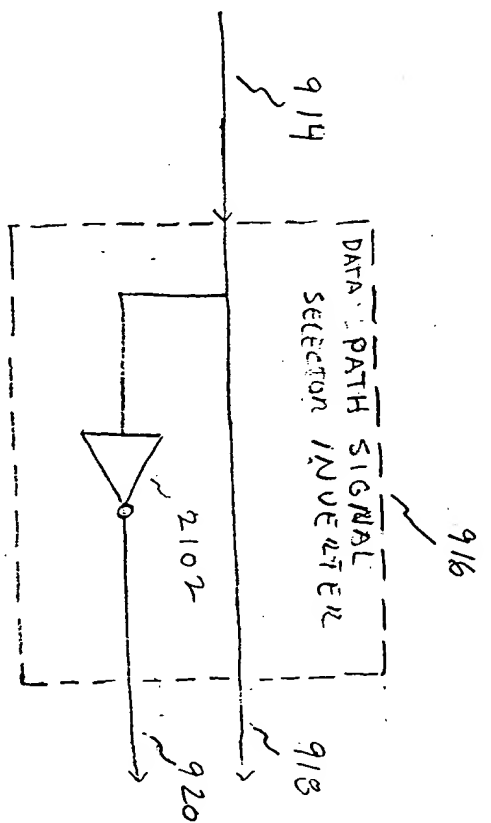
TRANSMITTER 1702

FIG 17









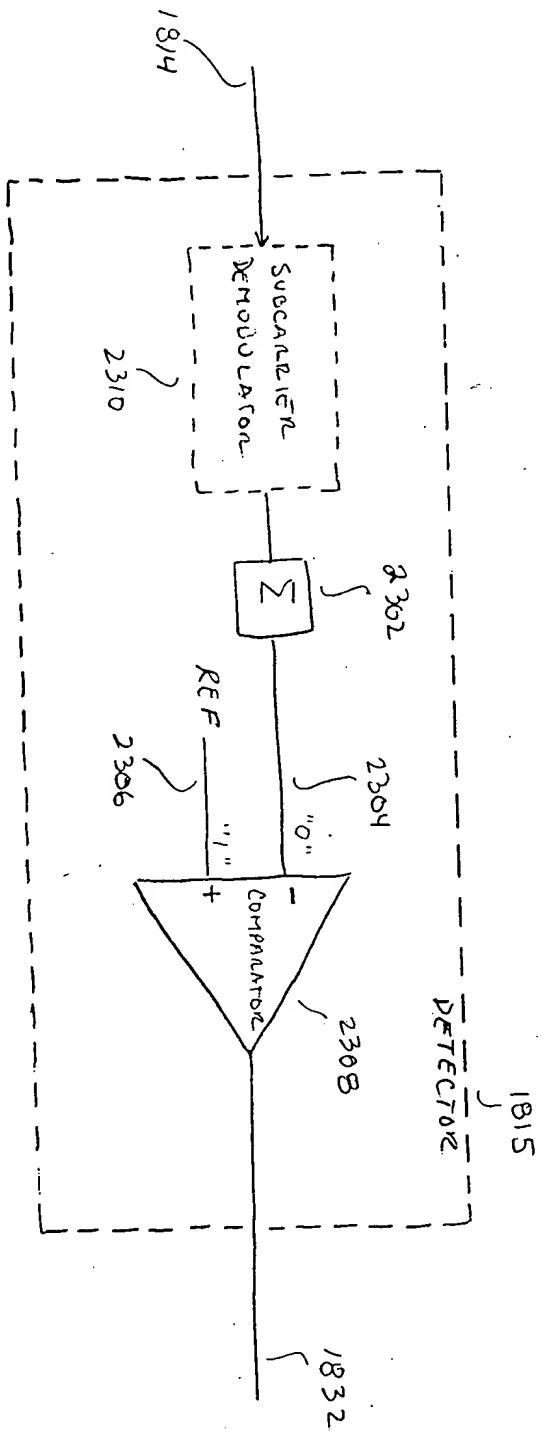


FIG 23

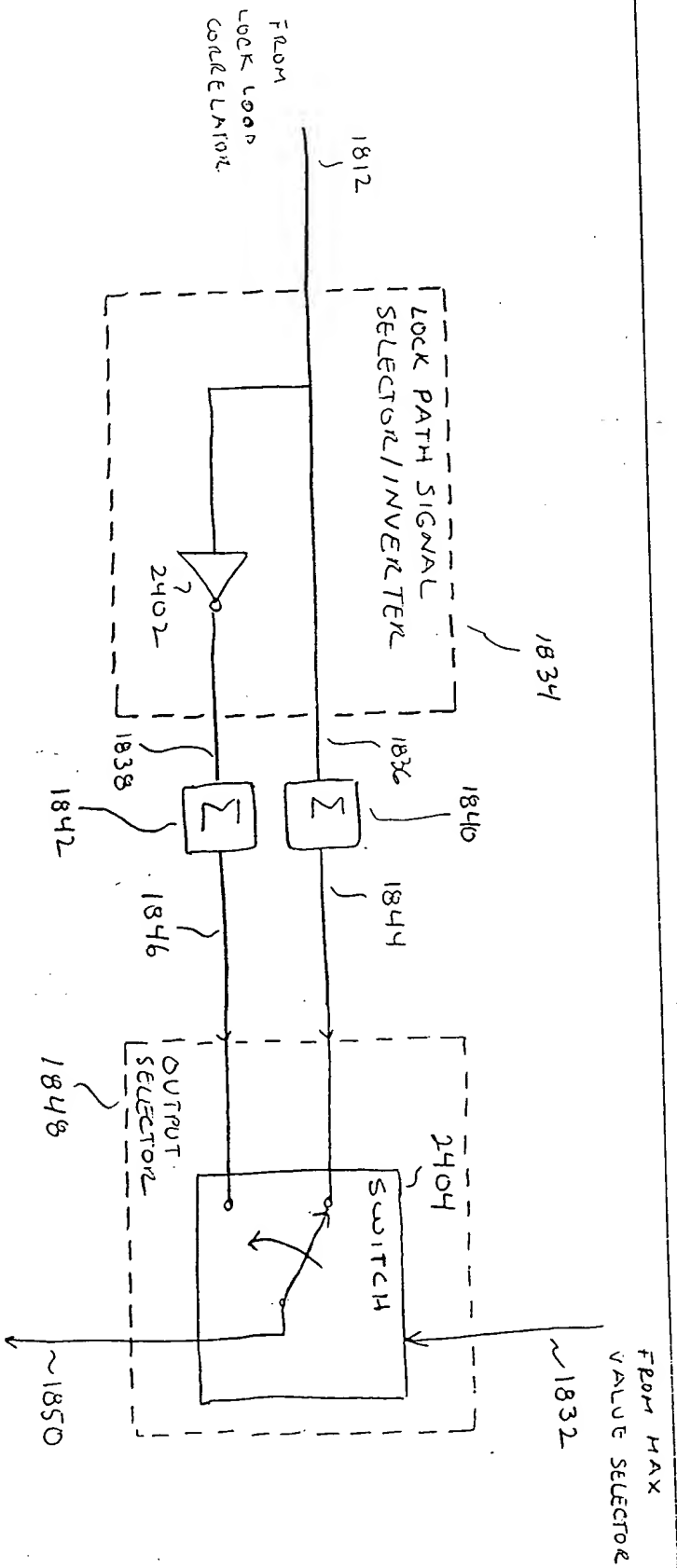


FIG. 24

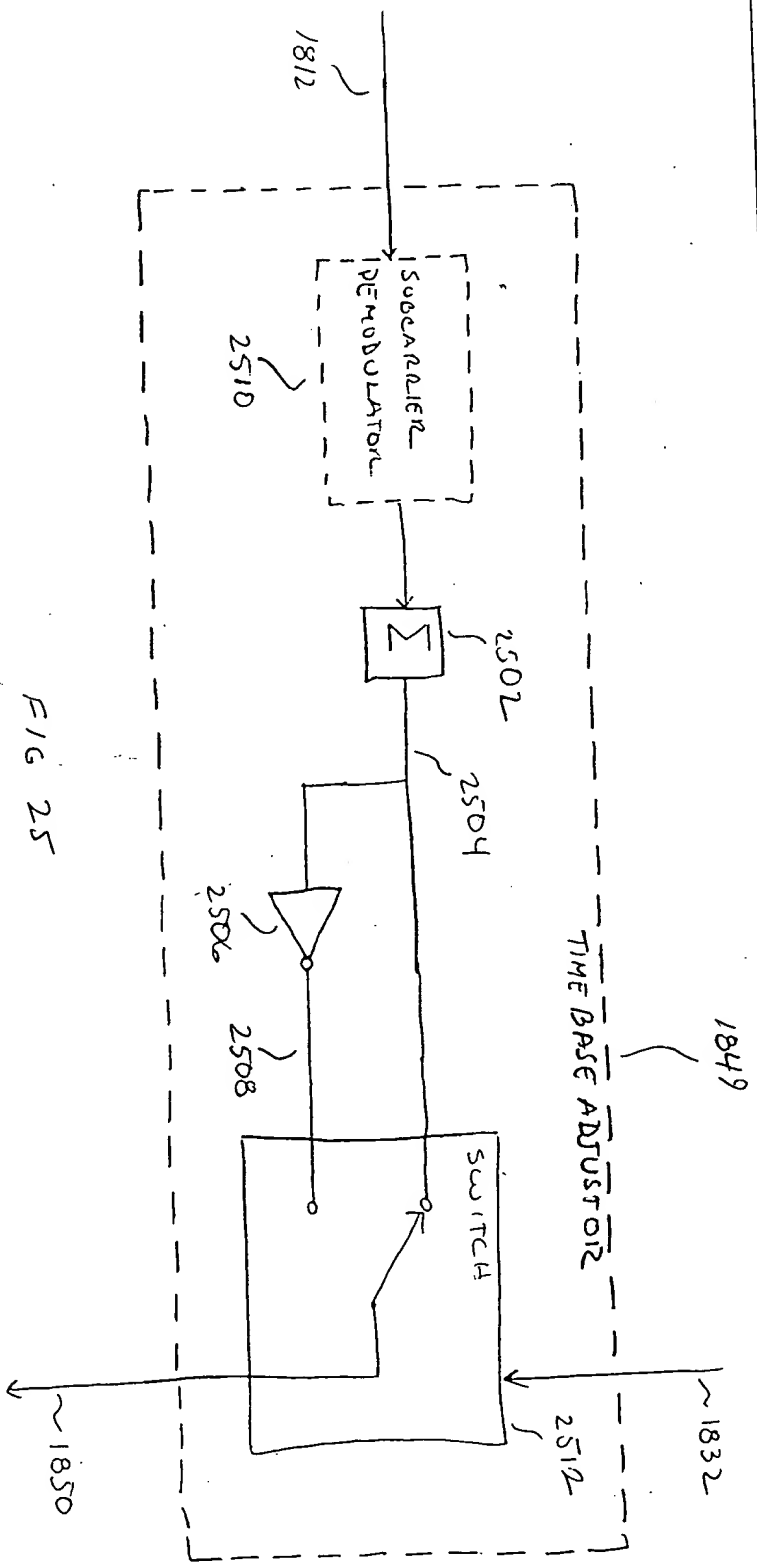


FIG 25

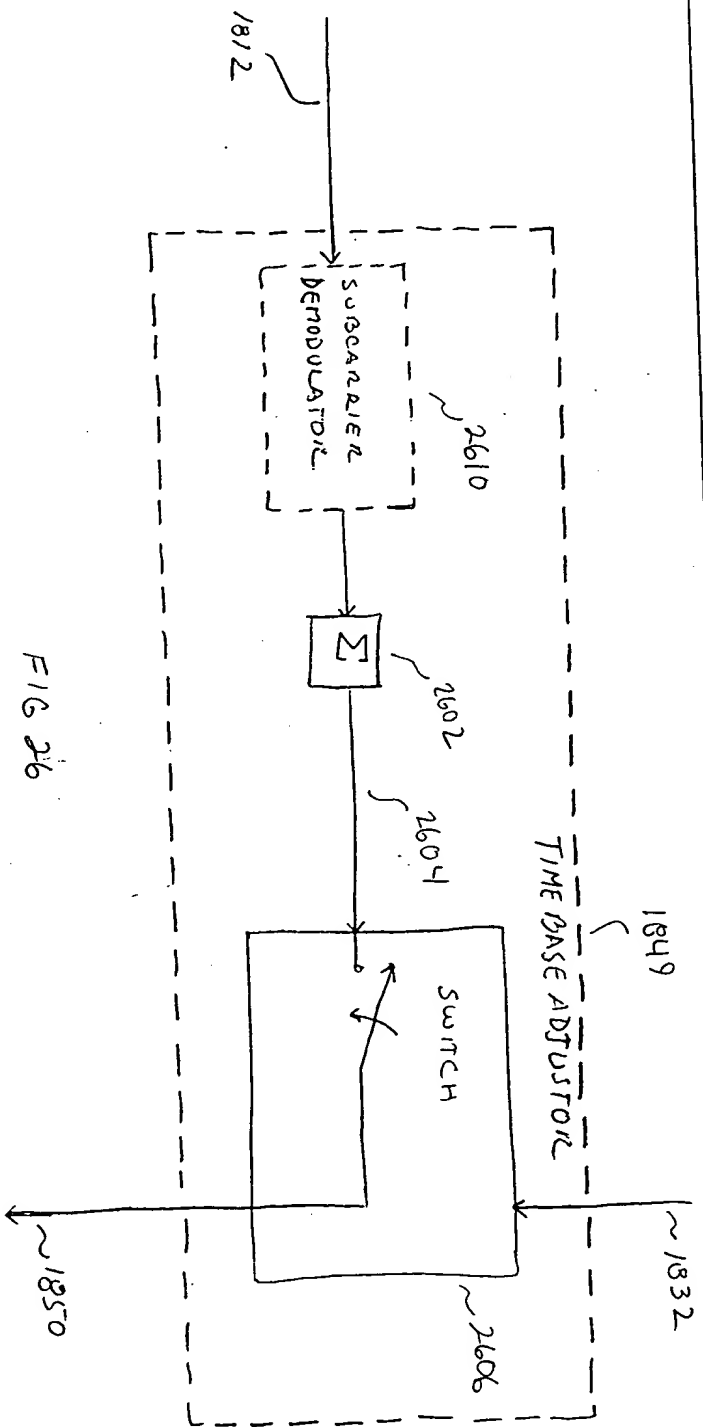


FIG 26

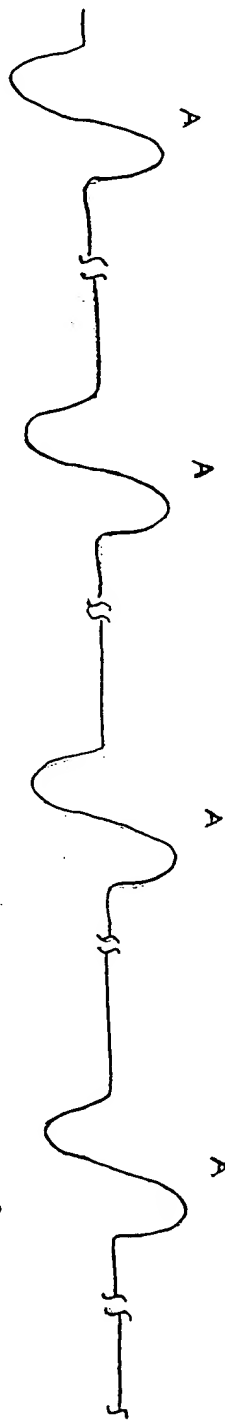
FRAME 1

FRAME 2

FRAME 3

FRAME 4

27024 ~



2704A ~

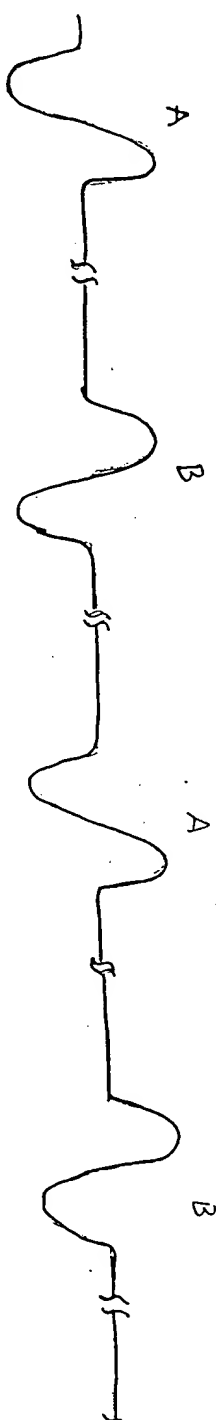
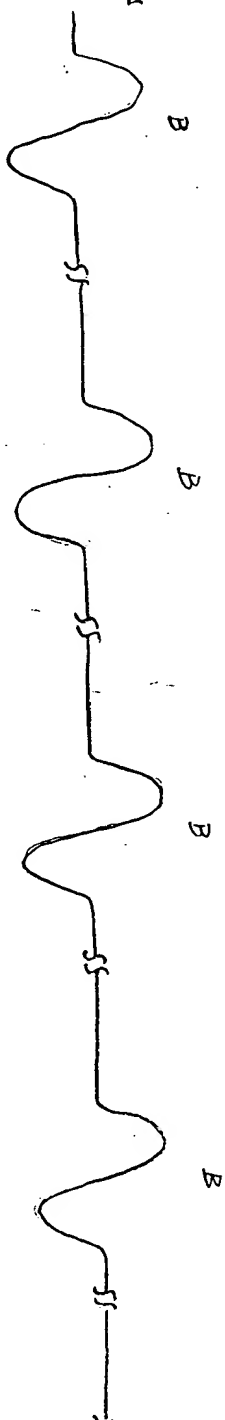


FIG 27A

2702B ~



2704B ~

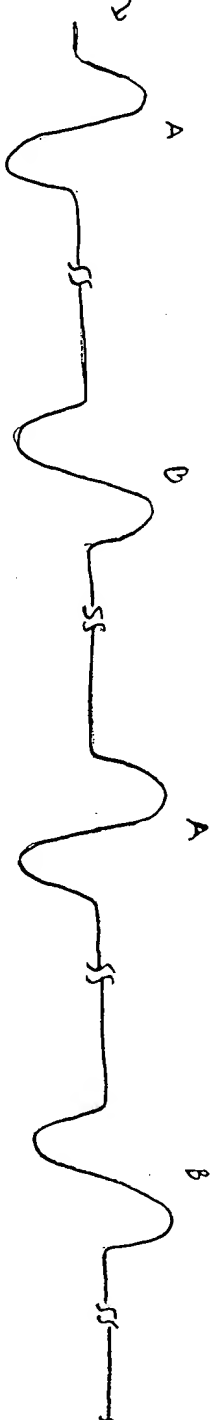


FIG 27B

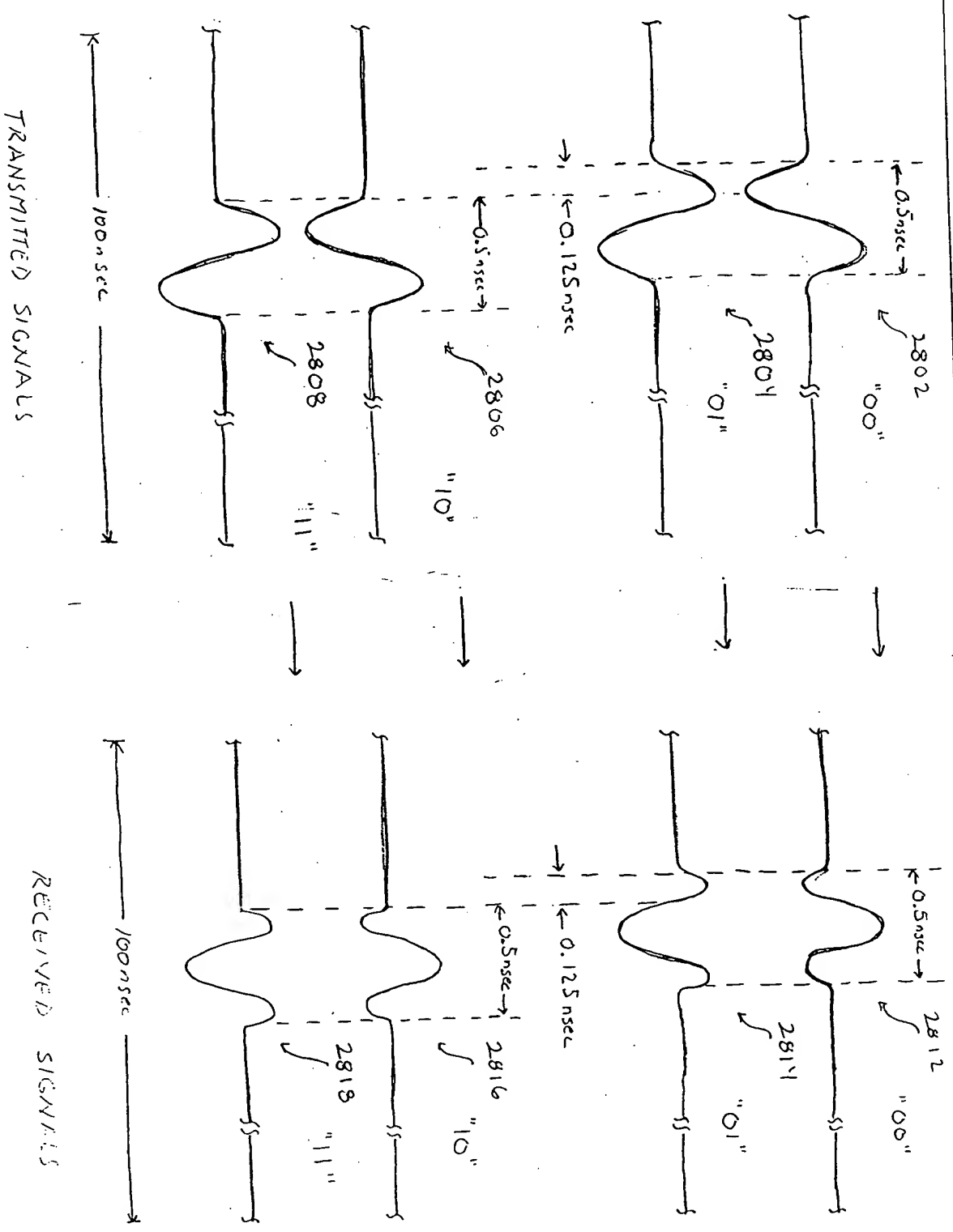


FIG 28

RECEIVER 2902 2

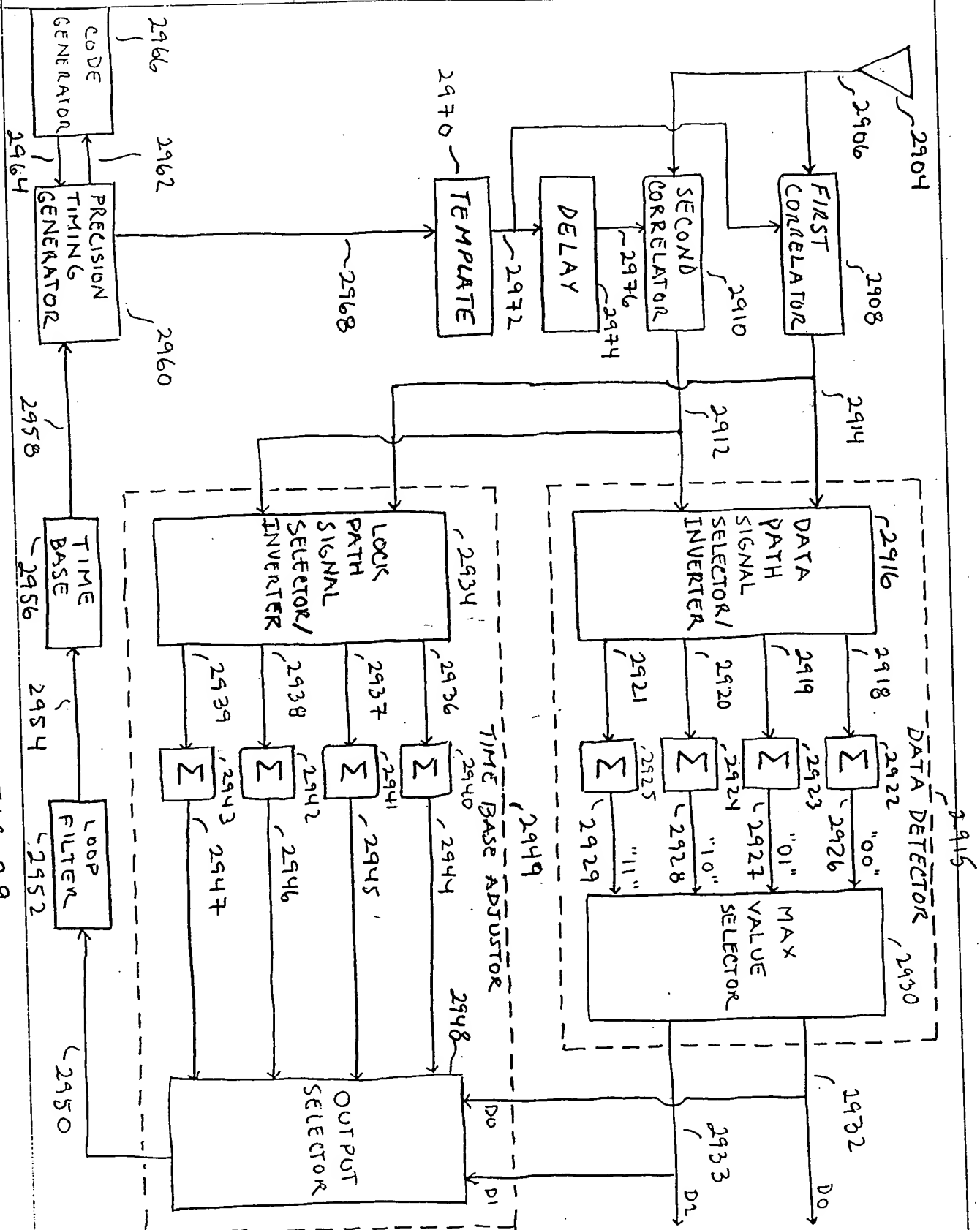
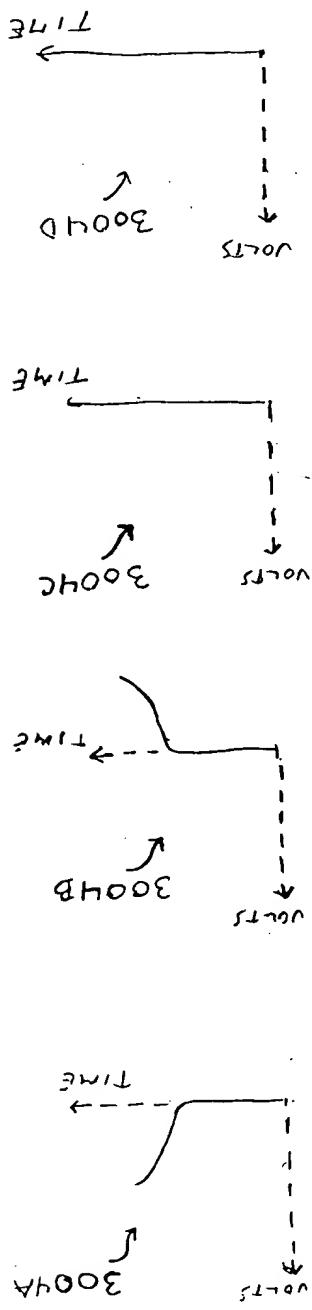
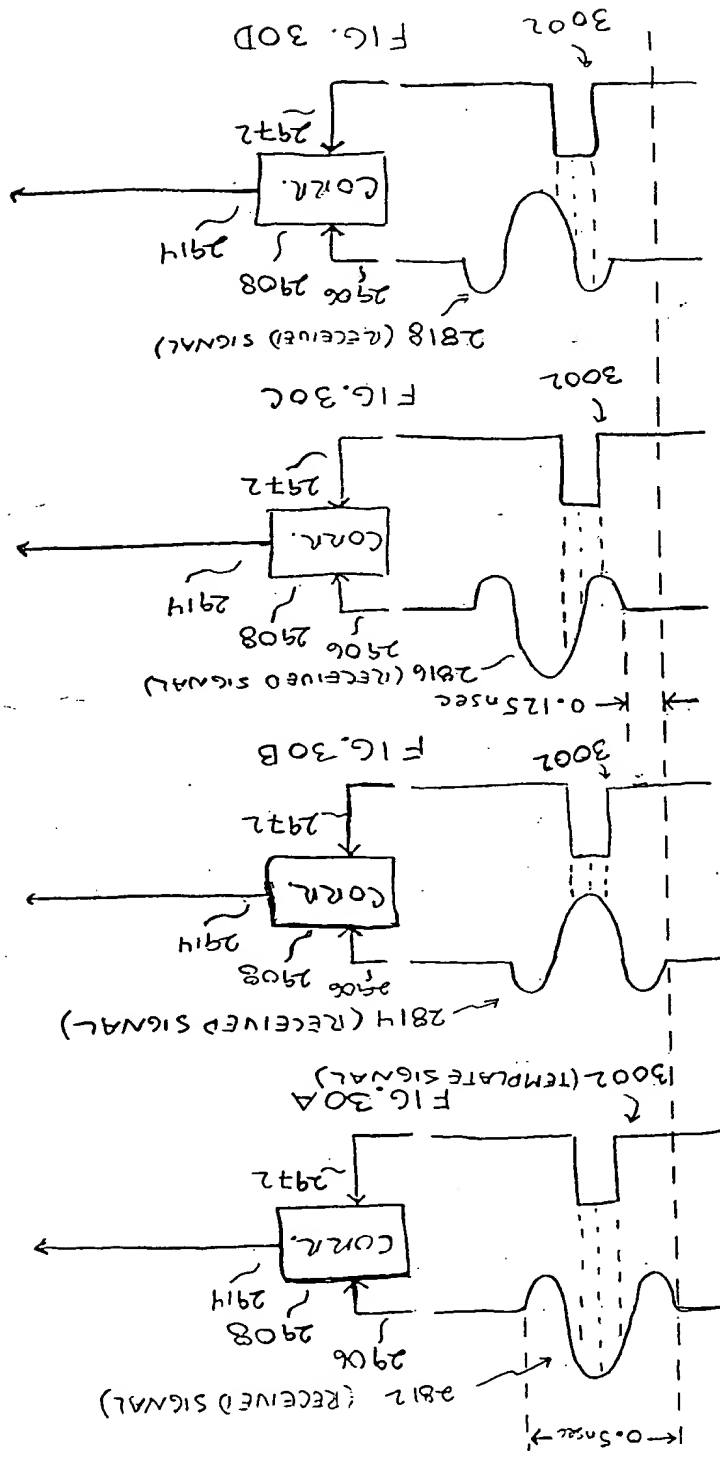
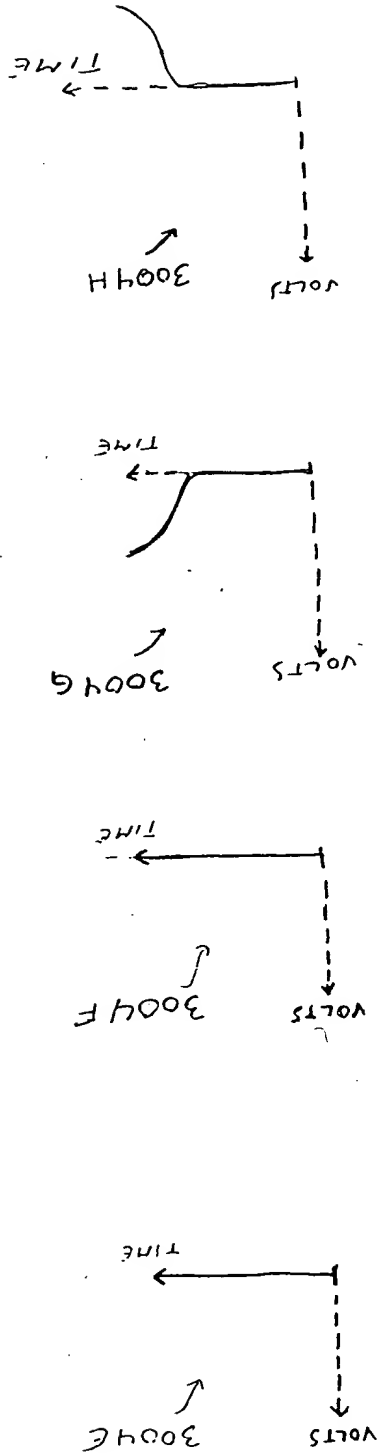
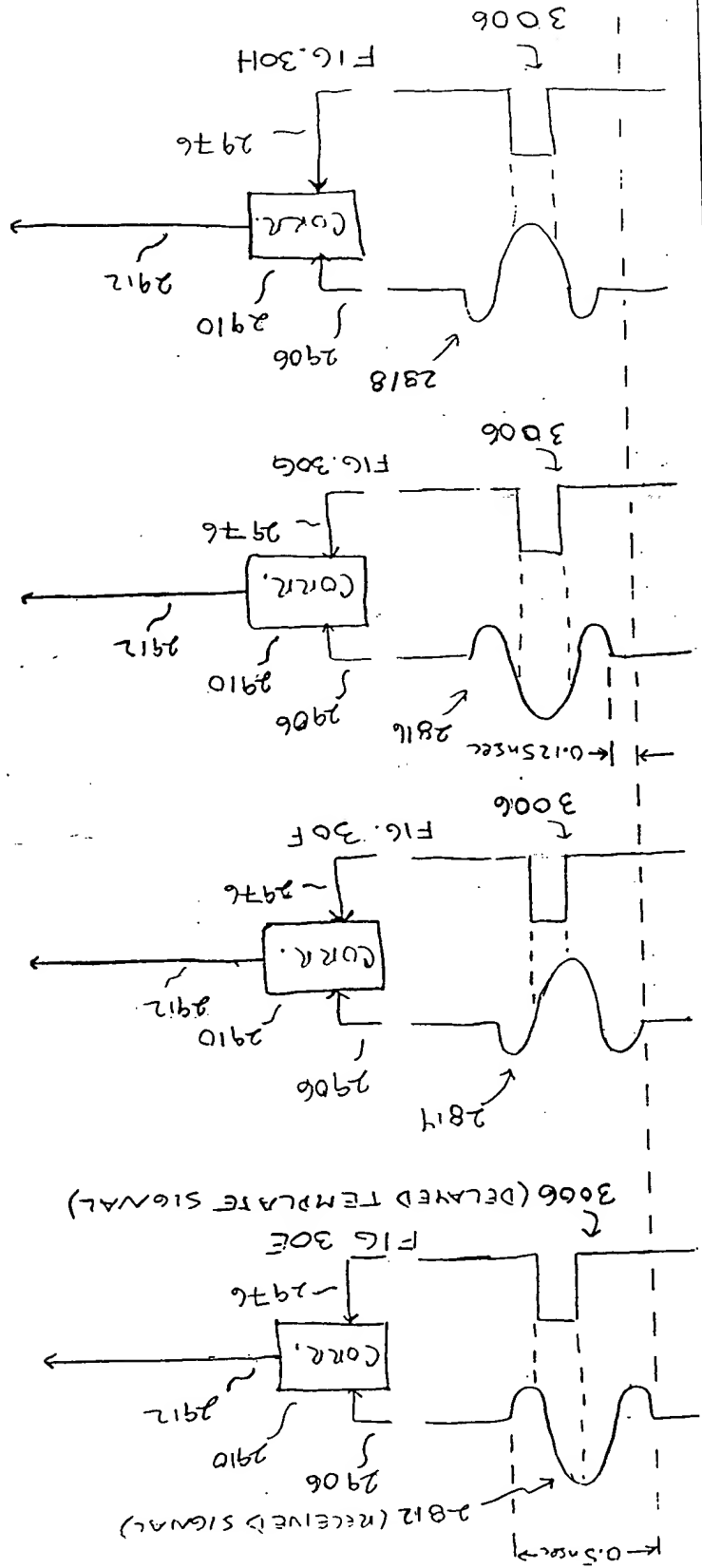


FIG. 29





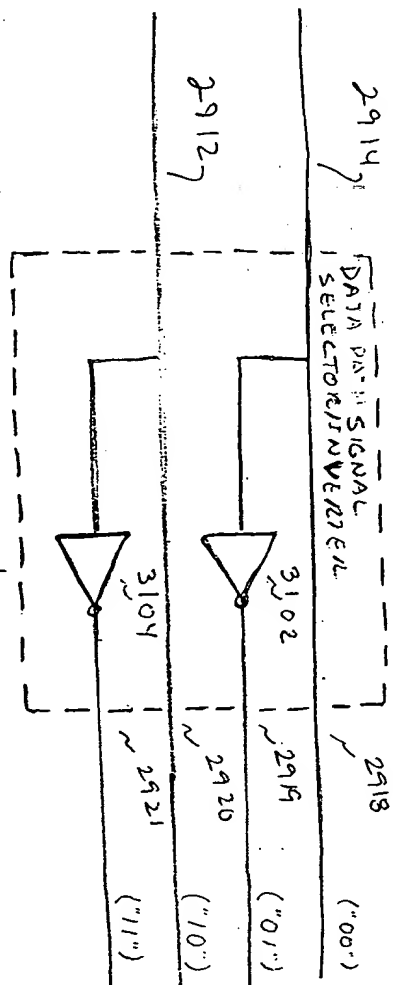


FIG. 31

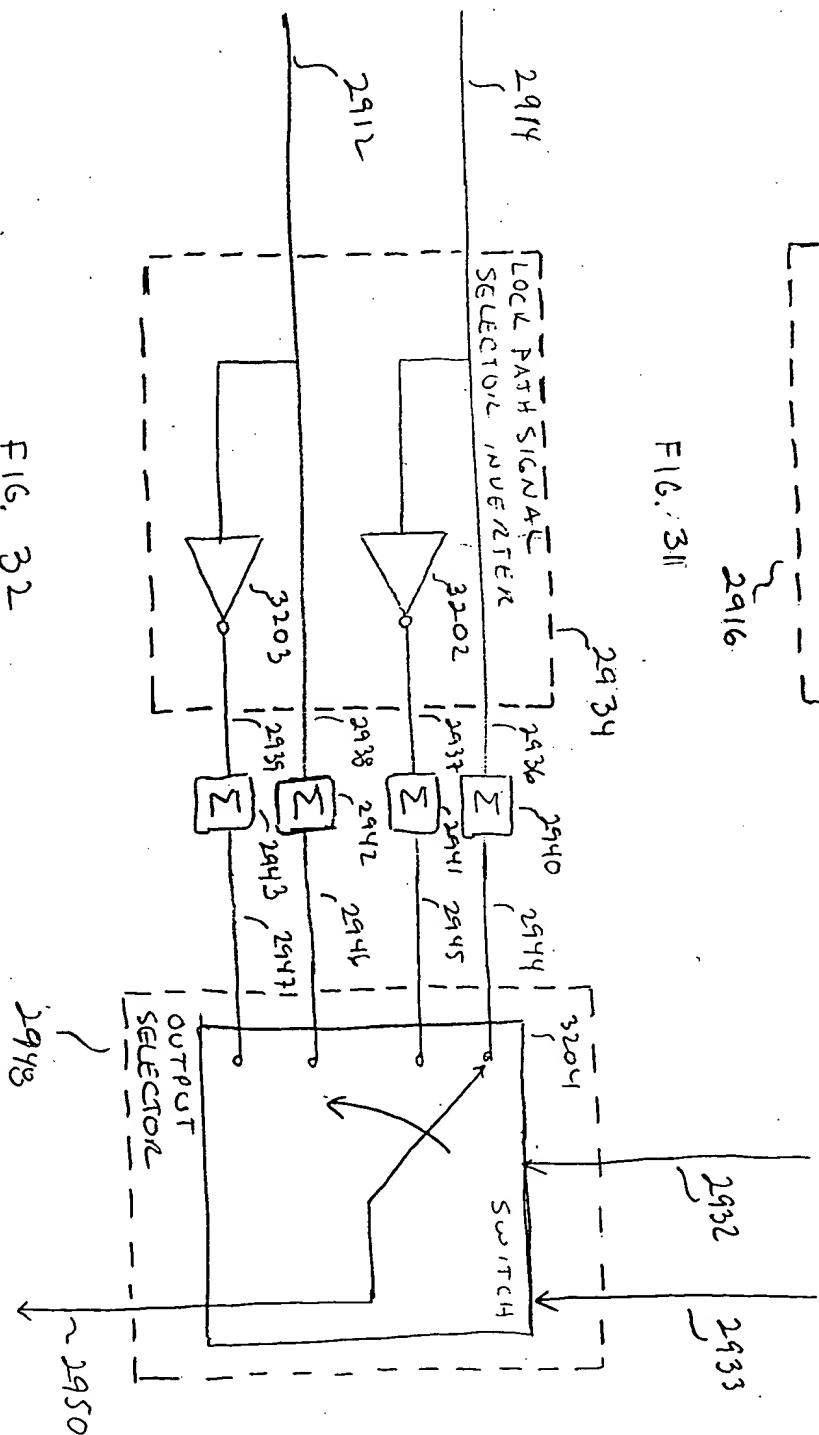


FIG. 32

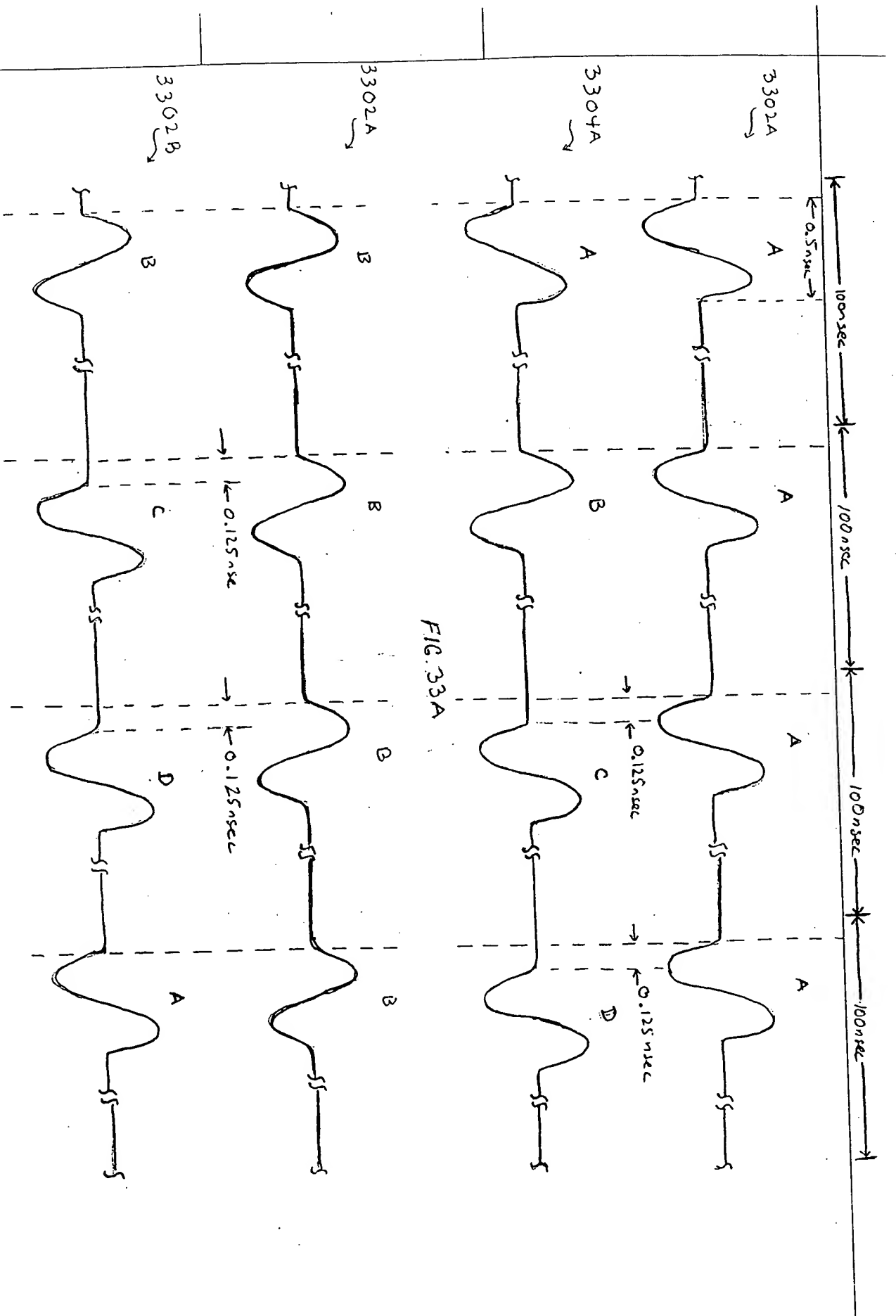


FIG. 33A

FIG. 33B